

CSC Adopted: October 2001 , CSC Revised: \_\_\_\_\_**Class Title: Plumber II****BRIEF DESCRIPTION OF THE CLASSIFICATION:**

Installs, maintains, and repairs plumbing systems throughout the city and responds to emergencies.

**ESSENTIAL FUNCTIONS:**

*This information is intended to be descriptive of the key responsibilities of the classification. The following examples do not identify all duties performed by any single incumbent. Specific requirements of individual positions are described in the Job Description.*

Physical Strength Code		ESSENTIAL FUNCTIONS
1	H	Installs, maintains and repairs water and drainage systems, plumbing fixtures, ice machines, equipment, faucets, pools, sump pumps, backflows, garbage disposals, and fire suppression systems by inspecting systems, replacing corroded pipes, draining unheated water lines in outdoor facilities and removing backflow preventors to winterize lines, replacing defective piping, cleaning out drains, replacing and repairing defective items, installing fixtures, and roughing in waterlines and renovations.

CSC Adopted: October 2001 , CSC Revised: \_\_\_\_\_**CLASS REQUIREMENTS:**

<b>CLASS REQUIREMENTS</b>	
Formal Education / Knowledge	Work requires knowledge of a specific vocational, administrative, or technical nature which may be obtained with six months/one year of advanced study or training past the high school equivalency. Junior college, vocational, business, technical or correspondence schools are likely sources. Appropriate certification may be awarded upon satisfactory completion of advanced study or training.
Experience	Two years experience as a Journey Level Plumber.
Certifications and Other Requirements	Valid Driver's License, Journeyman License, Gas Fitter License, Backflow License
Reading	Work requires the ability to read blue prints, work orders, and instructions.
Math	Work requires the ability to perform general math calculations such as addition, subtraction, multiplication and division.
Writing	Work requires the ability to write reports and fill out work orders and log books.
Managerial	N/A
Budget Responsibility	N/A
Supervisory / Organizational Control	Work requires functioning as a lead worker performing essentially the same work as those directed, and includes overseeing work quality, training, instructing, and scheduling work.
Complexity	Work requires analysis and judgment in accomplishing diversified duties. Work requires the exercise of independent thinking within the limits of policies, standards, and precedents.
Interpersonal / Human Relations Skills	Contacts others within the organization. These contacts may involve similar work units or departments within the City which may be involved in decision making or providing approval or decision making authority for purchases or projects. Works with individuals outside the City who may belong to professional or peer organizations. Working with various state and federal agencies may also be required. Vendors and suppliers may also be called upon for information on purchases, supplies or products. Meetings and discussions may be conducted with customers, and sales representatives.

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Sedentary	Light	Medium	Heavy X	Very Heavy
S = Sedentary Exerting up to 10 lbs. occasionally or negligible weights frequently; sitting most of the time	L = Light Exerting up to 20 lbs. occasionally, 10 lbs. frequently, or negligible amounts constantly OR requires walking or standing to a significant degree.	M = Medium Exerting 20-50 lbs. occasionally, 10-25 lbs. frequently, or up to 10 lbs. constantly.	H = Heavy Exerting 50-100 lbs. occasionally, 25-50 lbs. frequently, or up to 10-20 lbs. constantly.	VH = Very Heavy Exerting over 100 lbs. occasionally, 50-100 lbs. frequently, or up to 20-50 lbs. constantly.

**PHYSICAL DEMANDS:**

C = Continuously 2/3 or more of the time.	F = Frequently From 1/3 to 2/3 of the time.	O = Occasionally Up to 1/3 of the time.	R = Rarely Less than 1 hour per week.	N = Never Never occurs.
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*This is a description of the way the job is currently performed; it does not address the potential for accommodation.*

PHYSICAL DEMANDS	FREQUENCY CODE	DESCRIPTION
Standing	F	Maintenance and repair of pipes, sewer systems, water lines
Sitting	R	Desk work
Walking	F	To/from job site
Lifting	F	Plumbing supplies and equipment
Carrying	F	Plumbing supplies and equipment
Pushing/Pulling	O	Setting and removing fixtures
Reaching	F	Setting and removing fixtures, retrieval of pipe or tools
Handling	F	Plumbing supplies and equipment
Fine Dexterity	O	Working with small tools or fixtures, power equipment
Kneeling	O	Maintenance and repair of pipes, sewer systems, water lines
Crouching	O	Maintenance and repair of pipes, sewer systems, water lines
Crawling	F	Maintenance and repair of pipes, sewer systems, water lines
Bending	F	Maintenance and repair of pipes, sewer systems, water lines
Twisting	F	Maintenance and repair of pipes, sewer systems, water lines
Climbing	O	Stairs, ladders
Balancing	R	Stairs, ladders
Vision	C	Reading, maintenance and or repair of pipes, sewer system or water lines
Hearing	C	Communicating with personnel, general public, machinery noises
Talking	F	Communicating with personnel, general public
Foot Controls	O	Driving
Other (specify)	N	

CSC Adopted: **October 2001** , CSC Revised: \_\_\_\_\_**MACHINES, TOOLS, EQUIPMENT, AND WORK AIDS:**

Power drills, saws, air hammers, air compressors, cutting torches, metal detectors, backflow preventor test kits, pipefitting tools

**ENVIRONMENTAL FACTORS:**

D = Daily	W = Several Times Per Week	M = Several Times Per Month	S = Seasonally	N = Never
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HEALTH AND SAFETY		ENVIRONMENTAL FACTORS	
Mechanical Hazards	W	Dirt and Dust	W
Chemical Hazards	W	Extreme Temperatures	W
Electrical Hazards	W	Noise and Vibration	W
Fire Hazards	N	Fumes and Odors	W
Explosives	N	Wetness/Humidity	W
Communicable Diseases	W	Darkness or Poor Lighting	W
Physical Danger or Abuse	N		
Other (see 1 below)	N		

PRIMARY WORK LOCATION	
Office Environment	--
Warehouse	--
Shop	X
Vehicle	X
Outdoors	X
Other (see 2 below)	X

(1)

(2) Recreation centers with outdoor restroom facilities, other public buildings

**PROTECTIVE EQUIPMENT REQUIRED:**

Gloves, glasses/eye protection, safety shoes/boots

**NON-PHYSICAL DEMANDS:**

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NON-PHYSICAL DEMANDS	
Time Pressures	F
Emergency Situations	F
Frequent Change of Tasks	F
Irregular Work Schedule/Overtime	O
Performing Multiple Tasks Simultaneously	F
Working Closely with Others as Part of a Team	F
Tedious or Exacting Work	F
Noisy/Distracting Environment	F
Other (see 3 below)	N

(3)